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Figure 1

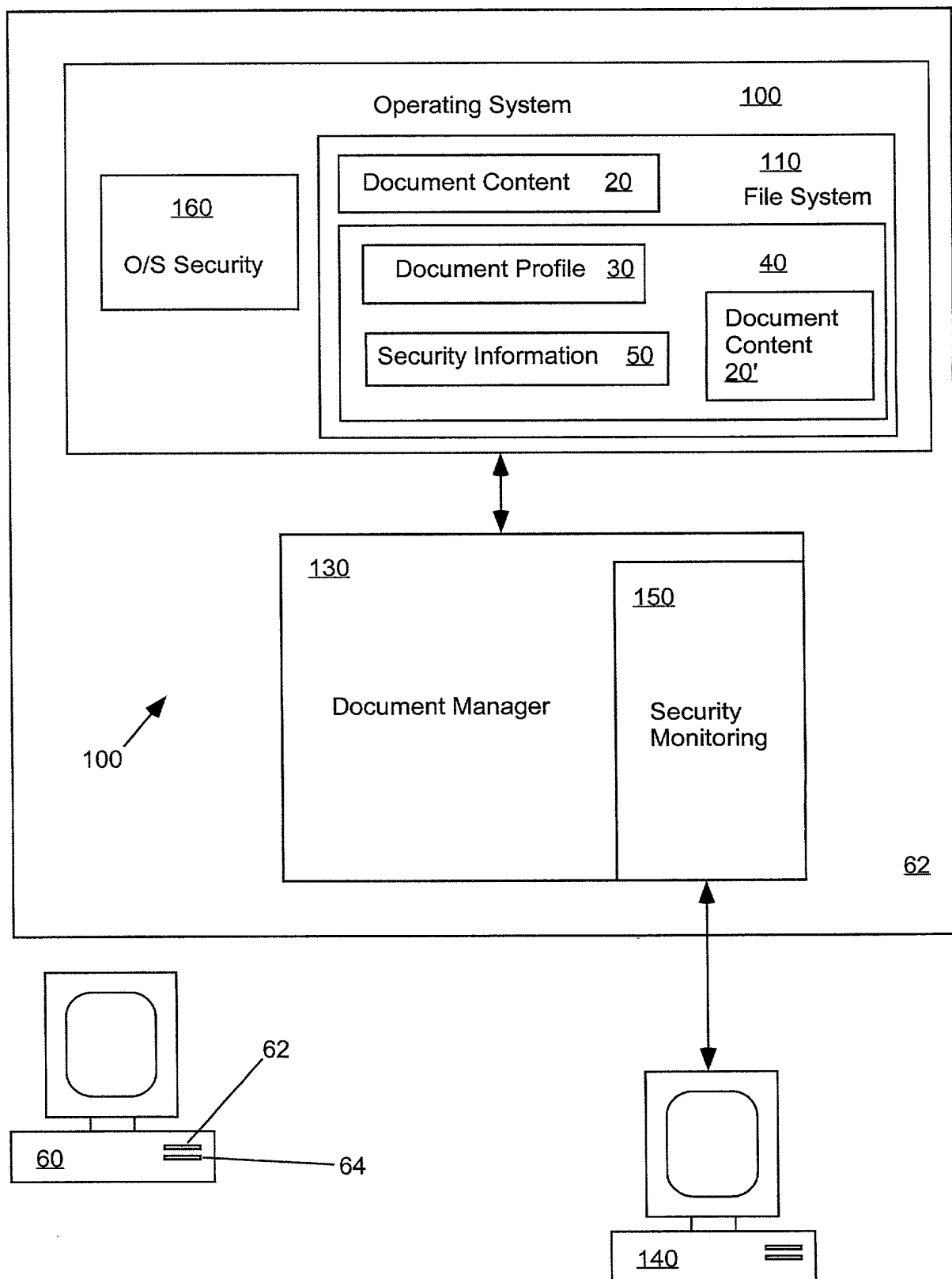
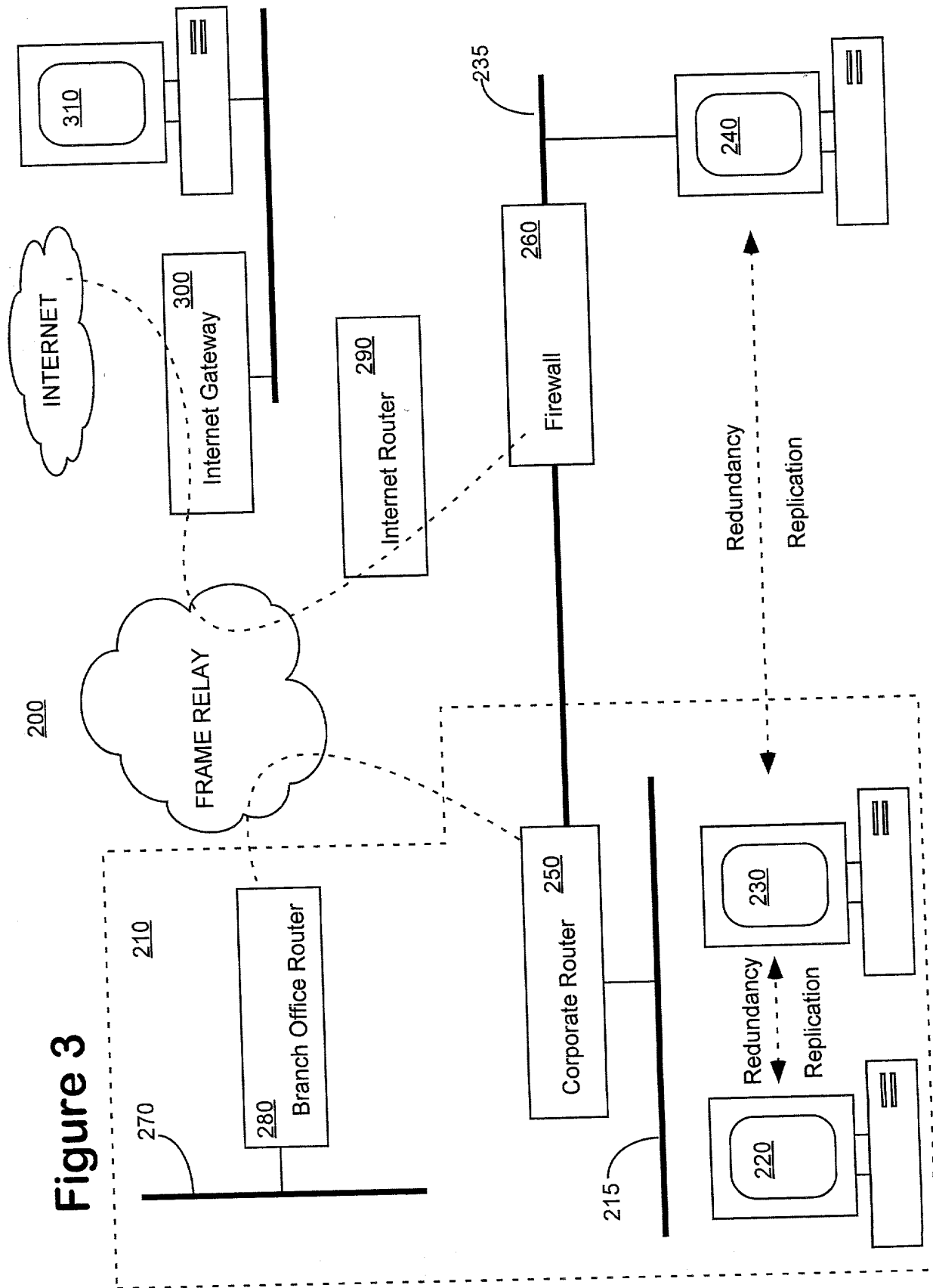


Figure 2



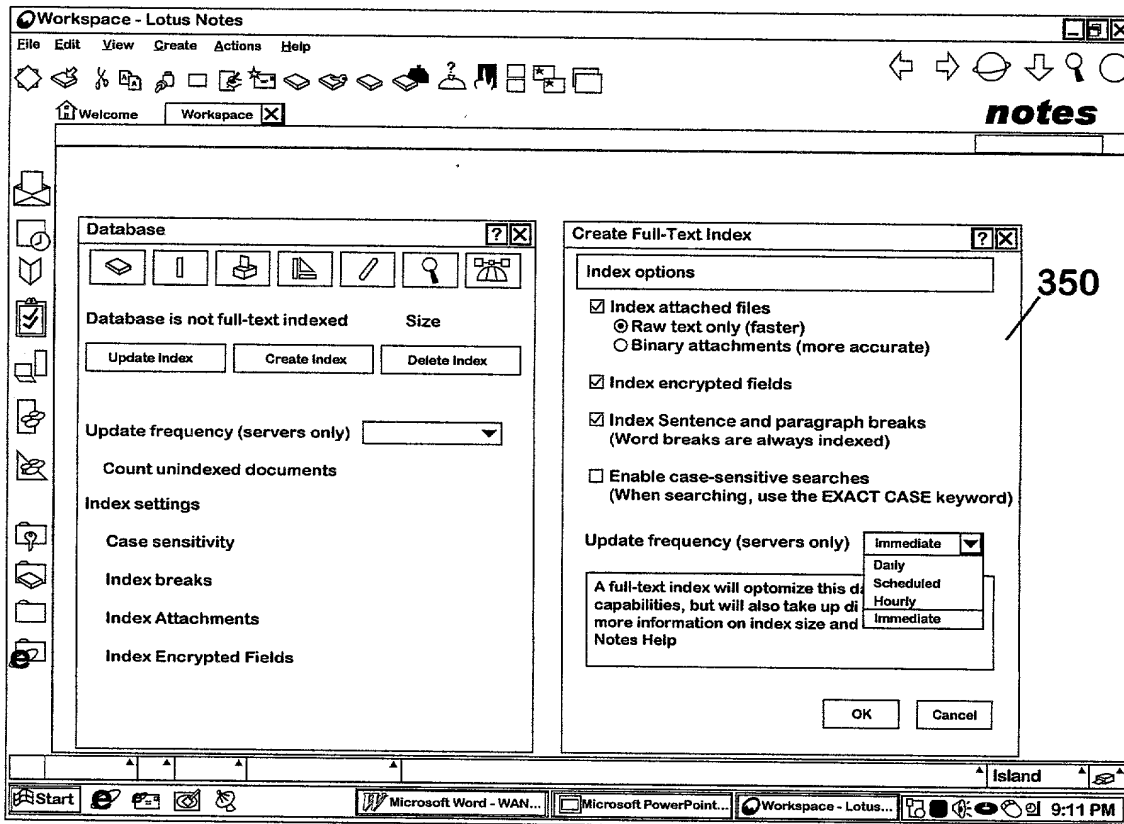


Figure 4A

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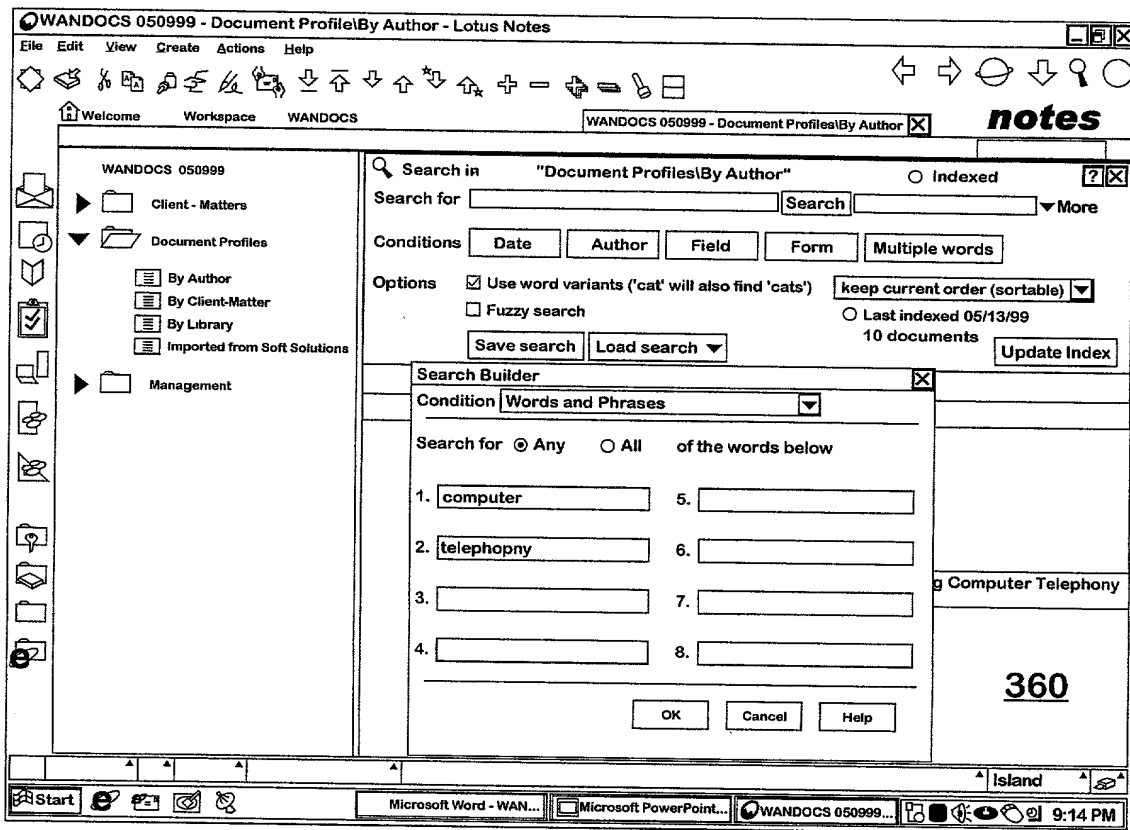


Figure 4B

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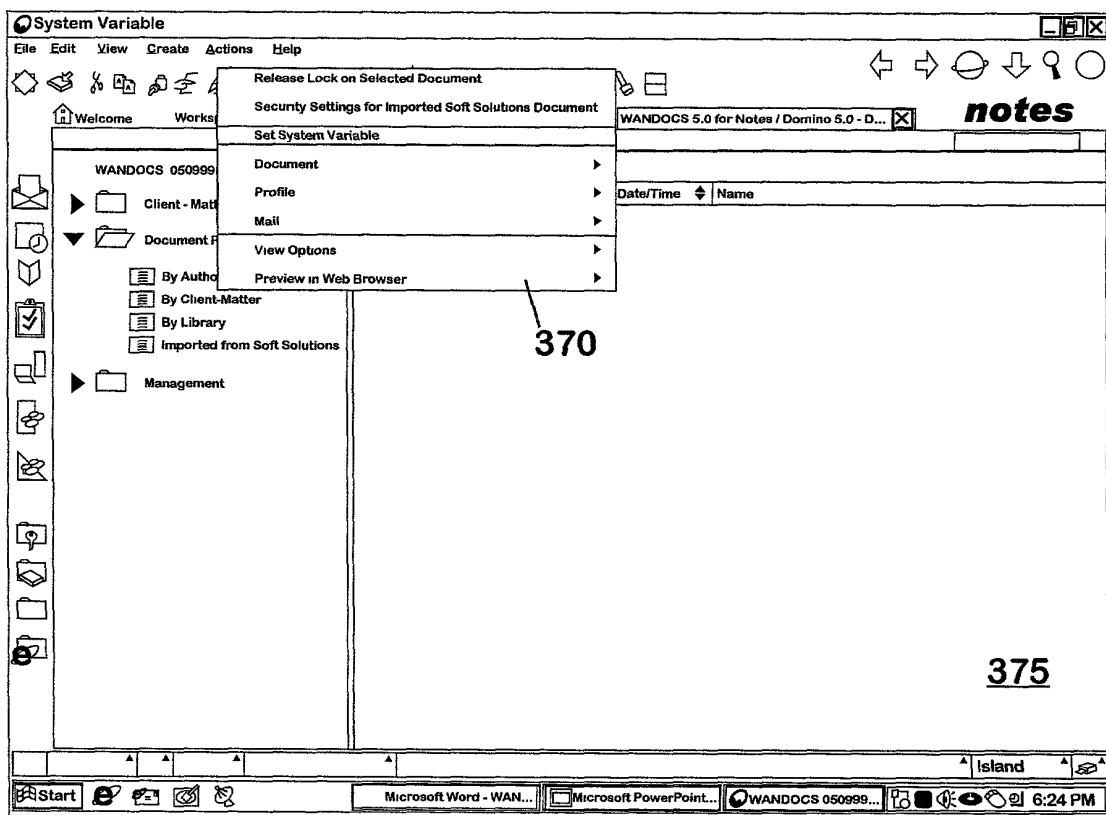


Figure 5A

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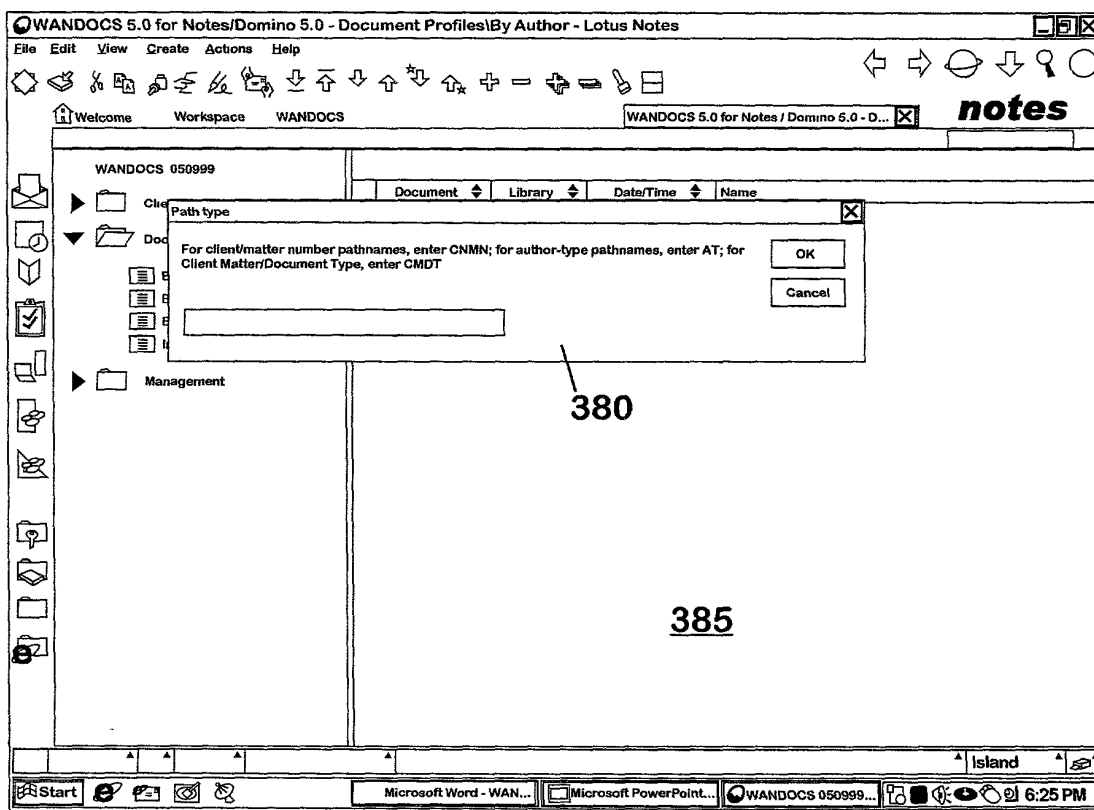


Figure 5B

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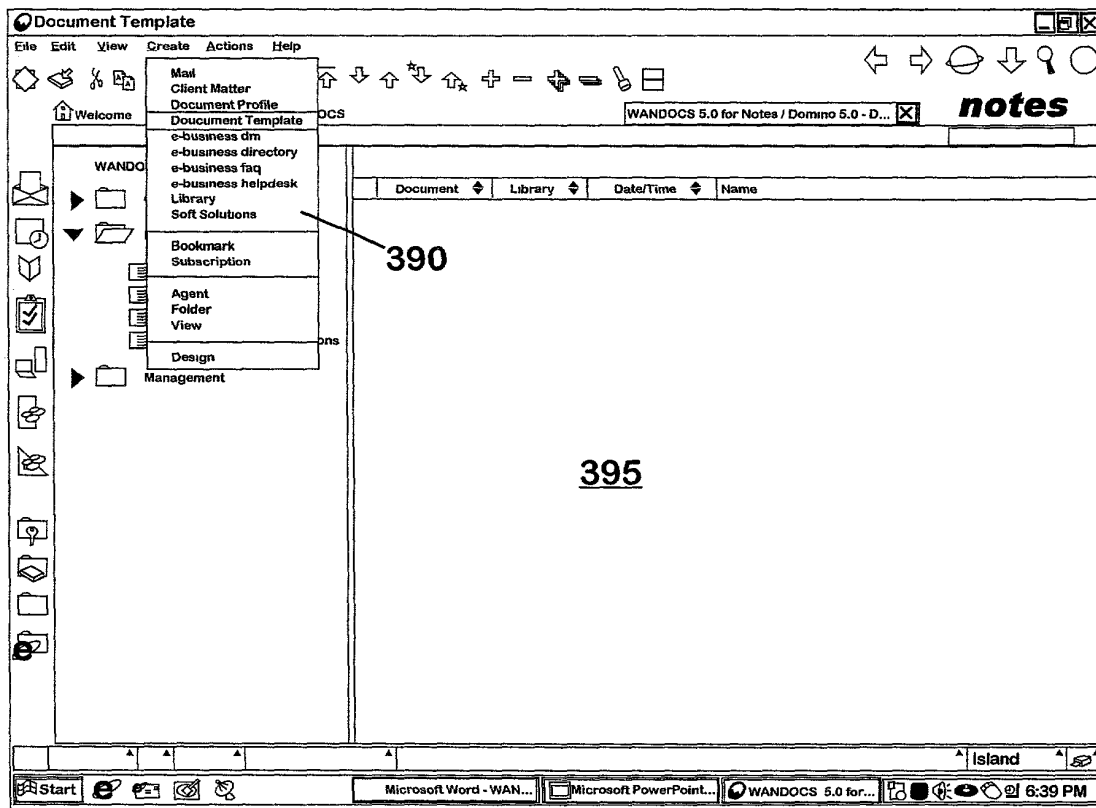


Figure 6A

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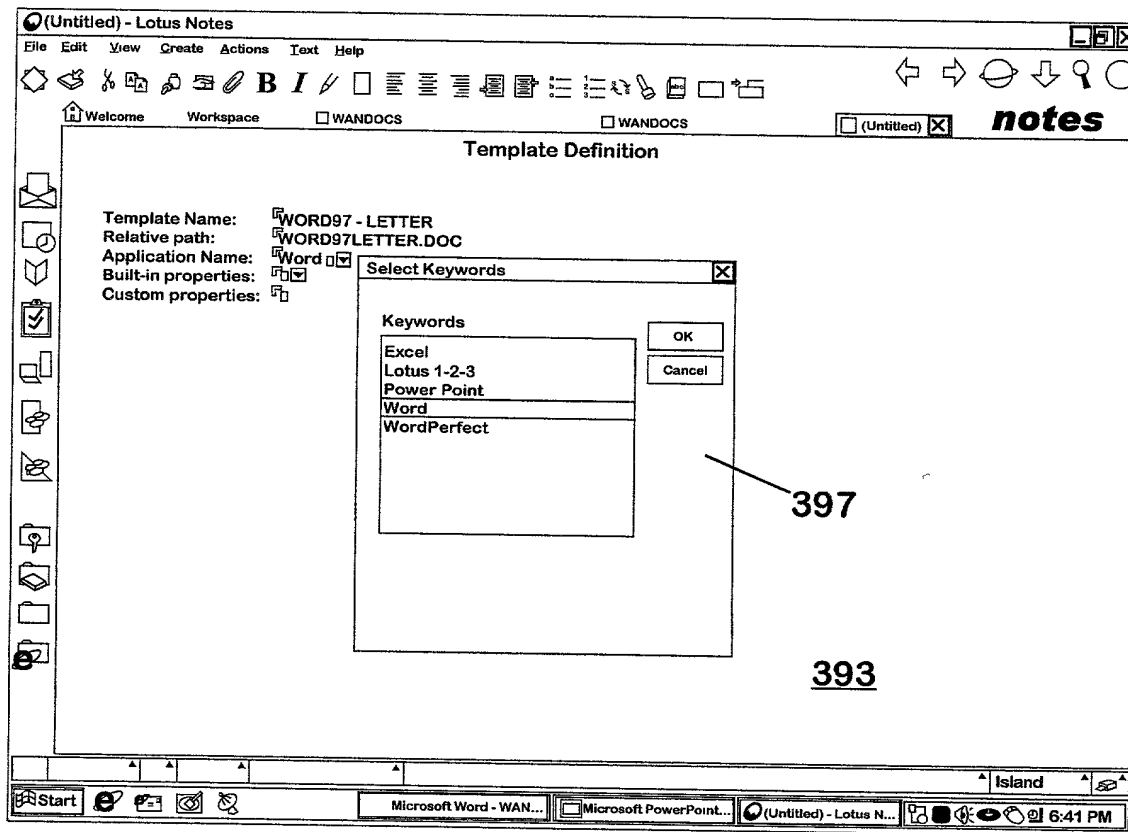


Figure 6B

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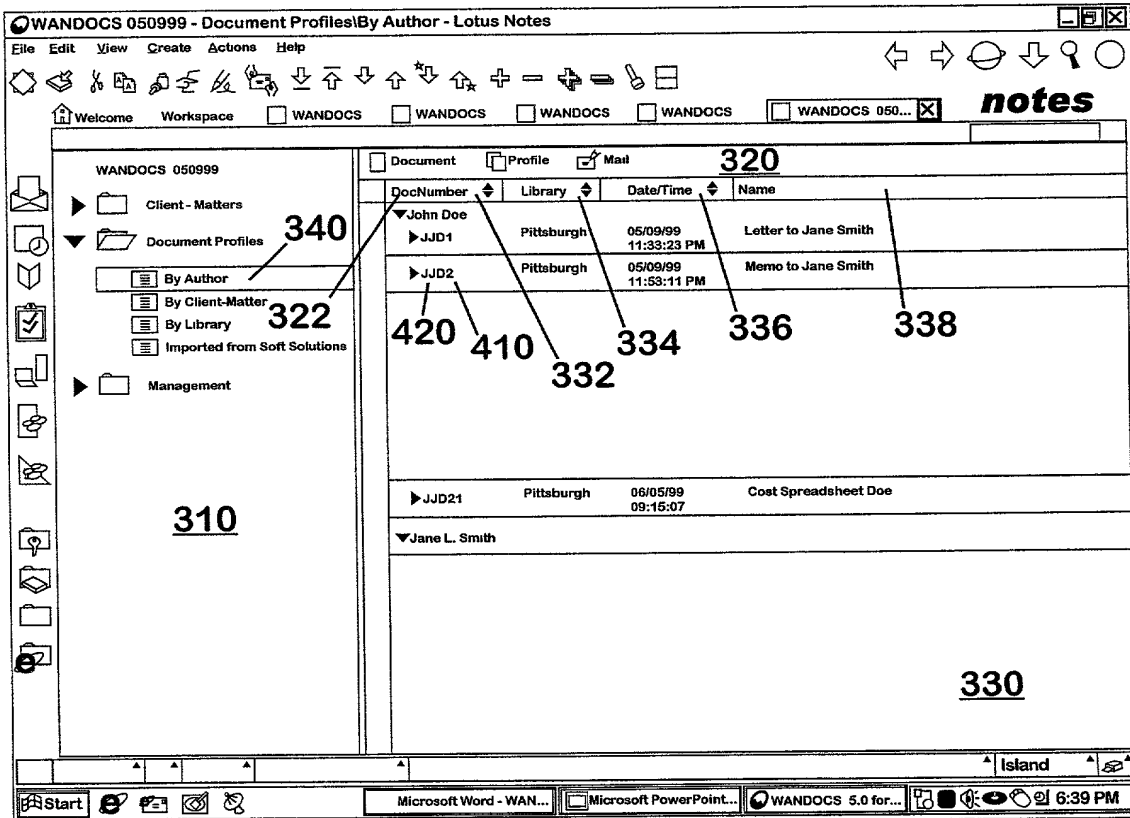


Figure 7

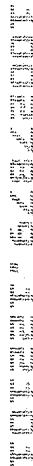
[illegible]

Figure 1 consists of three vertically stacked panels, each showing the evolution of the dark matter relic density parameter $\Omega_{\text{cdm}} h^2$ as a function of the dark matter mass m_{χ} (GeV). The x-axis for all panels ranges from 0 to 100 GeV. The y-axis for all panels ranges from 0 to 0.2. A horizontal line at $\Omega_{\text{cdm}} h^2 = 0.12$ indicates the observed relic density.

- Top Panel:** Shows $\Omega_{\text{cdm}} h^2$ vs. m_{χ} for various models. The curves generally decrease as m_{χ} increases, with some models showing a sharp drop at specific mass values.
- Middle Panel:** Shows $\Omega_{\text{cdm}} h^2$ vs. m_{χ} for a specific model. The curve decreases as m_{χ} increases, with a horizontal line at $\Omega_{\text{cdm}} h^2 = 0.12$.
- Bottom Panel:** Shows $\Omega_{\text{cdm}} h^2$ vs. m_{χ} for a specific model. The curve decreases as m_{χ} increases, with a horizontal line at $\Omega_{\text{cdm}} h^2 = 0.12$.



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